



## CITY OF ROANOKE

### Comprehensive Plan



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# Policy Perspective: Transportation as an Interrelated System and Network

- Streets, Greenways and Pedestrian Systems
- Public Transit
- Rail and Air

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# Supporting Livable Communities

Streets: What is Their Purpose?

Functional:

- Circulation/Access

- “Address” for Development

- “Frameworks” for Development

Aesthetic:

- Establishment of “Curb Appeal”

- Providing Visual Linkage and Context



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# Streets: Design Framework for System/Network Use

- Design for:
  - Transportation Function(s)
    - Street Classifications
    - Motor Vehicles – Appropriate Lane Widths
    - Pedestrians – Sidewalks Appropriately Scaled and Placed
    - Bikes – Dedicated Lanes or “Share the Road”?
    - Parking – The Often Forgotten Function

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# Streets: Design Framework for System/Network Use



- Design for:
  - Livability
    - Sidewalks
    - Street Trees
    - Street Furniture
    - Utilities (underground/overhead)

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# Streets: Design “In Proportion”

- Outside – In Approach vs. Inside-Out Approach
  - Aesthetics No Afterthought
  - No “Right-of-Way” Leftovers

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# Streets: Implementation



- Design Standards – Manual
- Identifying Opportunities
  - New Development
  - Redevelopment
  - Replacement
  - Maintenance/Resurfacing

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# Supporting Livable Communities

- Public Transit: Linkage and Opportunities
  - System Linkage – Intracity/Region
    - Balanced Coverage and Approach
    - Linkage between Jobs and Housing
    - Timing/Convenience/Pricing

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# Public Transit: Making Opportunities

- System Linkage – Beyond the Borders
  - Roanoke – Hollins College
  - Roanoke – Blacksburg – VA Tech
  - Roanoke – Rocky Mount – Ferrum College

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# Supporting Livable Communities

- Rail and Air: Linkages Beyond
  - Rail Linkages – Past and Future
    - Moving Freight – Economic Development
      - Intermodal Opportunities
    - Moving Freight – Alternative to Highways/Interstate
      - Air Quality
      - Congestion Mitigation
    - Moving People – Adding an Alternative Mode

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# Air Linkages – Staying Connected

- Challenges in the Industry
- Seeking Direct Carriers
- Critical Competitive Component – Economic Development/Quality of Life

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# Policy Framework for the Future – Livable Communities

- Transportation Supporting Livable Communities
  - Holistic Approach – Multi-Modes
  - Planned Approach – Policy and Standards Based
  - Focused Approach – Cooperative and Coordinated Public Policy at Local / Regional / State and Federal Levels

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